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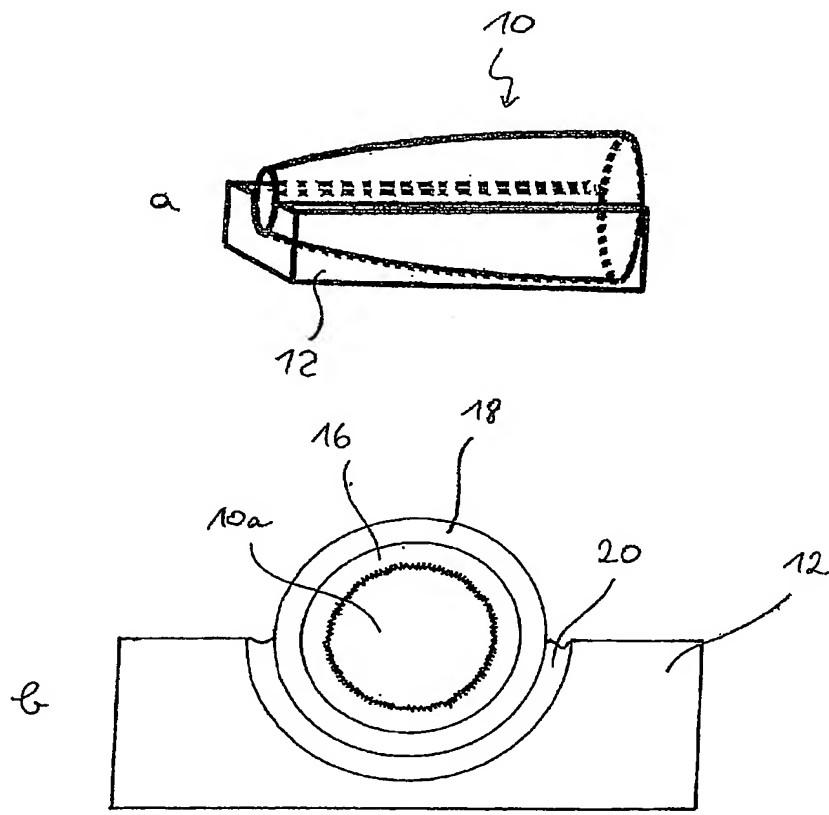
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(54) Title: A METHOD FOR PRODUCING A REPLICATION MASTER, REPLICATION METHOD AND REPLICATION MASTER

(57) Abstract: In a method for producing a replication master (10) having a surface with low roughness, comprising the steps of forming said master (10) such as to have a desired external surface shape corresponding to a counterform of a surface of an object (18, 20) to be produced by replication and treating said external surface of said master (10) to obtain a predetermined surface roughness value, it is proposed that said method furthermore comprises the step of coating at least a part of said master (10) with a soluble smoothening layer (16). The invention further relates to a replication master (10) for producing a smooth object (18, 20) having a low surface roughness, wherein at least a part of said master (10) is coated with a soluble smoothening layer (16).



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